|   | Type | L # | Hits  | Search Text                          | DBs   |
|---|------|-----|-------|--------------------------------------|---|
| 1 | BRS  | L1  | 11653 | (shallow adj2 trench adj2 isolation) | US-<br>PGPUB;<br>USPAT                                |
| 2 | BRS  | L3  | 204   | (metal adj2 silicide) same L2        | US-<br>PGPUB;<br>USPAT                                |
| 3 | BRS  | L2  | 11653 | (shallow adj2 trench adj2 isolation) | US-<br>PGPUB;<br>USPAT                                |
| 4 | BRS  | L4  | 2681  | (shallow adj2 trench adj2 isolation) | USOCR;<br>EPO;<br>JPO;<br>DERWE<br>NT;<br>IBM_TD<br>B |
| 5 | BRS  | L6  | 204   | (metal adj2 silicide) same L2        | US-<br>PGPUB;<br>USPAT                                |
| 6 | BRS  | L5  | 11653 | (shallow adj2 trench adj2 isolation) | US-<br>PGPUB;<br>USPAT                                |
| 7 | BRS  | L7  | 2681  | (shallow adj2 trench adj2 isolation) | USOCR;<br>EPO;<br>JPO;<br>DERWE<br>NT;<br>IBM_TD<br>B |
| 8 | BRS  | L9  | 0     | 8 same subcollector                  | US-<br>PGPUB;<br>USPAT                                |

|    | Type | L #  | Hits | Search Text   | DBs                    |
|----|------|------|------|---|------------------------|
| 9  | BRS  | L10  | 177  | 8 same substrate  | US-<br>PGPUB;<br>USPAT |
| 10 | BRS  | L8   | 204  | (metal adj2 silicide) same 2  | US-<br>PGPUB;<br>USPAT |
| 11 | BRS  | L11  | 0    | (buried adj2 metal adj2 silicide)<br>near10 (trench adj2 isolation) | US-<br>PGPUB;<br>USPAT |
| 12 | BRS  | L13  | 0    | 12 near20 subcollector  | US-<br>PGPUB;<br>USPAT |
| 13 | BRS  | L12  | 18   | buried adj2 metal adj2 silicide                                     | US-<br>PGPUB;<br>USPAT |
| 14 | BRS  | L14  | 21   | (metal adj2 silicide) near20 2                                      | US-<br>PGPUB;<br>USPAT |
| 15 | BRS  | L15  | 24   | (metal adj2 silicide) near40 2                                      | US-<br>PGPUB;<br>USPAT |
| 16 | BRS  | L16  | 3    | 15 not 14   | US-<br>PGPUB;<br>USPAT |
| 17 | BRS  | L1,7 | 16   | 1 near20 (subcollector)   | US-<br>PGPUB;<br>USPAT |

|   | Type | L # | Hits  | Search Text                          | DBs   |
|---|------|-----|-------|--------------------------------------|---|
| 1 | BRS  | L1  | 11653 | (shallow adj2 trench adj2 isolation) | US-<br>PGPUB;<br>USPAT                                |
| 2 | BRS  | L3  | 204   | (metal adj2 silicide) same L2        | US-<br>PGPUB;<br>USPAT                                |
| 3 | BRS  | L2  | 11653 | (shallow adj2 trench adj2 isolation) | US-<br>PGPUB;<br>USPAT                                |
| 4 | BRS  | L4  | 2681  | (shallow adj2 trench adj2 isolation) | USOCR;<br>EPO;<br>JPO;<br>DERWE<br>NT;<br>IBM_TD<br>B |
| 5 | BRS  | L6  | 204   | (metal adj2 silicide) same L2        | US-<br>PGPUB;<br>USPAT                                |
| 6 | BRS  | L5  | 11653 | (shallow adj2 trench adj2 isolation) | US-<br>PGPUB;<br>USPAT                                |
| 7 | BRS  | L7  | 2681  | (shallow adj2 trench adj2 isolation) | USOCR;<br>EPO;<br>JPO;<br>DERWE<br>NT;<br>IBM_TD<br>B |
| 8 | BRS  | L9  | 0     | 8 same subcollector                  | US-<br>PGPUB;<br>USPAT                                |

|    | Type | L # | Hits  | Search Text   | DBs                    |
|----|------|-----|-------|---|------------------------|
| 9  | BRS  | L10 | 177   | 8 same substrate  | US-<br>PGPUB;<br>USPAT |
| 10 | BRS  | L8  | 204   | (metal adj2 silicide) same 2  | US-<br>PGPUB;<br>USPAT |
| 11 | BRS  | L11 | 0     | (buried adj2 metal adj2 silicide)<br>near10 (trench adj2 isolation) | US-<br>PGPUB;<br>USPAT |
| 12 | BRS  | L13 | 0     | 12 near20 subcollector  | US-<br>PGPUB;<br>USPAT |
| 13 | BRS  | L12 | 18    | buried adj2 metal adj2 silicide                                     | US-<br>PGPUB;<br>USPAT |
| 14 | BRS  | L14 | 21    | (metal adj2 silicide) near20 2                                      | US-<br>PGPUB;<br>USPAT |
| 15 | BRS  | L15 | 24    | (metal adj2 silicide) near40 2                                      | US-<br>PGPUB;<br>USPAT |
| 16 | BRS  | L16 | 3     | 15 not 14   | US-<br>PGPUB;<br>USPAT |
| 17 | BRS  | L17 | 16    | 1 near20 (subcollector)   | US-<br>PGPUB;<br>USPAT |
| 18 | BRS  | L18 | 16045 | (trench adj2 isolation)   | US-<br>PGPUB;<br>USPAT |

|    | Type | L # | Hits | Search Text                  | DBs   |
|----|------|-----|------|------------------------------|---|
| 19 | BRS  | L19 | 4863 | (trench adj2 isolation)      | USOCR;<br>EPO;<br>JPO;<br>DERWE<br>NT;<br>IBM_TD<br>B |
| 20 | BRS  | L21 | 2    |                              | USOCR;<br>EPO;<br>JPO;<br>DERWE<br>NT;<br>IBM_TD<br>B |
| 21 | BRS  | L20 | 68   | 19 and (metal adj2 silicide) | USOCR;<br>EPO;<br>JPO;<br>DERWE<br>NT;<br>IBM_TD<br>B |

|   | Туре | L #       | Hits  | Search Text                          | DBs   |
|---|------|-----------|-------|--------------------------------------|---|
| 1 | BRS  | L1        | 11653 | (shallow adj2 trench adj2 isolation) | US-<br>PGPUB;<br>USPAT                                |
| 2 | BRS  | L3        | 204   | (metal adj2 silicide) same L2        | US-<br>PGPUB;<br>USPAT                                |
| 3 | BRS  | L2        | 11653 | (shallow adj2 trench adj2 isolation) | US-<br>PGPUB;<br>USPAT                                |
| 4 | BRS  | <b>L4</b> | 2681  | (shallow adj2 trench adj2 isolation) | USOCR;<br>EPO;<br>JPO;<br>DERWE<br>NT;<br>IBM_TD<br>B |
| 5 | BRS  | L6        | 204   | (metal adj2 silicide) same L2        | US-<br>PGPUB;<br>USPAT                                |
| 6 | BRS  | L5        | 11653 | (shallow adj2 trench adj2 isolation) | US-<br>PGPUB;<br>USPAT                                |
| 7 | BRS  | L7        | 2681  | (shallow adj2 trench adj2 isolation) | USOCR;<br>EPO;<br>JPO;<br>DERWE<br>NT;<br>IBM_TD<br>B |
| 8 | BRS  | L9        | 0     | 8 same subcollector                  | US-<br>PGPUB;<br>USPAT                                |

|    | Type | L # | Hits  | Search Text   | DBs                    |
|----|------|-----|-------|---|------------------------|
| 9  | BRS  | L10 | 177   | 8 same substrate  | US-<br>PGPUB;<br>USPAT |
| 10 | BRS  | L8  | 204   | (metal adj2 silicide) same 2  | US-<br>PGPUB;<br>USPAT |
| 11 | BRS  | L11 | 0     | (buried adj2 metal adj2 silicide)<br>near10 (trench adj2 isolation) | US-<br>PGPUB;<br>USPAT |
| 12 | BRS  | L13 | Ο.    | 12 near20 subcollector  | US-<br>PGPUB;<br>USPAT |
| 13 | BRS  | L12 | 18    | buried adj2 metal adj2 silicide                                     | US-<br>PGPUB;<br>USPAT |
| 14 | BRS  | L14 | 21    | (metal adj2 silicide) near20 2                                      | US-<br>PGPUB;<br>USPAT |
| 15 | BRS  | L15 | 24    | (metal adj2 silicide) near40 2                                      | US-<br>PGPUB;<br>USPAT |
| 16 | BRS  | L16 | 3     | 15 not 14   | US-<br>PGPUB;<br>USPAT |
| 17 | BRS  | L17 | 16    | 1 near20 (subcollector)   | US-<br>PGPUB;<br>USPAT |
| 18 | BRS  | L18 | 16045 | (trench adj2 isolation)   | US-<br>PGPUB;<br>USPAT |

|    | Type | L # | Hits | Search Text                   | DBs   |
|----|------|-----|------|-------------------------------|---|
| 19 | BRS  | L19 | 4863 | (trench adj2 isolation)       | USOCR;<br>EPO;<br>JPO;<br>DERWE<br>NT;<br>IBM_TD<br>B |
| 20 | BRS  | L21 | 2    | 20 and subcollector           | USOCR;<br>EPO;<br>JPO;<br>DERWE<br>NT;<br>IBM_TD<br>B |
| 21 | BRS  | L20 | 68   | 19 and (metal adj2 silicide)  | USOCR;<br>EPO;<br>JPO;<br>DERWE<br>NT;<br>IBM_TD<br>B |
| 22 | BRS  | L22 | 301  | (metal adj2 silicide) same 18 | US-<br>PGPUB;<br>USPAT                                |
| 23 | BRS  | L23 | 0    | 22 same subcollector          | US-<br>PGPUB;<br>USPAT                                |